Appl. No. 09/841,582 Amdt. Dated November 19, 2004

Reply to Office Action of May 19, 2004

AMENDMENTS TO THE CLAIMS:

This listing of claims will replace all prior versions, and listings, of claims in the application:

1. (Currently Amended) An electronic component comprising at least one

semiconductor chip having at least its electrodes formed exclusively on one surface thereof,

and surfaces other than said one surface are continuously covered with a protective material,

and further wherein the protective material adjacent the to side surfaces of the semiconductor

chip is cut to provide substantially vertical side walls of protective material formed adjacent

to the sides of the semiconductor chip.

2. (Previously Presented) The electronic component according to claim 1

wherein said protective material comprises an organic insulating resin or an inorganic

insulating material.

3. (Previously Presented) The electronic component according to claim 1,

comprising a semiconductor chip diced from a wafer at a position of said protective material

for mounting on a package substrate, wherein said electrode is formed on said one surface,

which is a device surface, of said semiconductor chip, and both a side wall and a bottom

surface of said semiconductor chip are covered with said protective material.

4. (Previously Presented) The electronic component according to claim 3

wherein a solder bump is formed on said electrode.

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5. (Previously Presented) The electronic component according to claim 1

wherein a plurality of different types of semiconductor chips are integrated and bonded by

said protective material.

6. (Previously Presented) A pseudo wafer comprising a plurality of

semiconductor chips each having at least their electrodes formed solely on one surface

thereof, wherein interspaces between said chips and bottom surfaces thereof are continuously

covered with said protective material, and the chips are bonded with each other and further

wherein the protective material adjacent the side surfaces of each semiconductor chip is cut to

provide substantially vertical side walls of protective material formed adjacent the sides of

the semiconductor chips.

7. (Original) The pseudo wafer according to claim 6 wherein said protective

material comprises either one of an organic insulating resin and an inorganic insulating

material.

8. (Previously Presented) The pseudo wafer according to claim 6 wherein said

plurality of semiconductor chips arrayed thereon are diced at a position of said protective

material between said plurality of semiconductor chips and thereafter mounted on a

packaging substrate such that the protective material adjacent the side surfaces of the

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semiconductor chip is cut to provide substantially vertical side walls of protective material

formed adjacent the sides of the semiconductor chip.

9. (Original) The pseudo wafer according to claim 8 wherein a solder bump is

formed on said electrode.

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